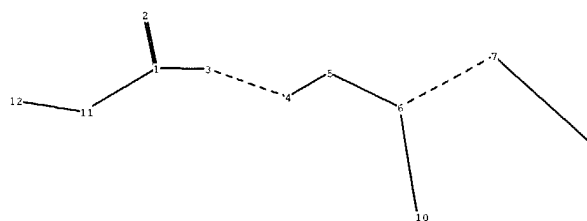
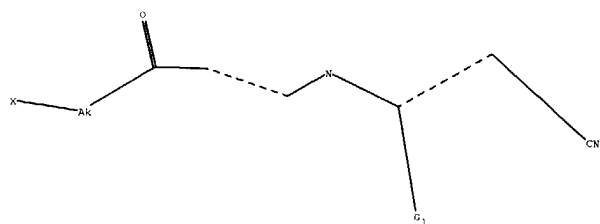


C:\stnweb\Queries\3.str



chain nodes :

1 2 3 4 5 6 7 8 10 11 12

chain bonds :

1-2 1-3 1-11 3-4 4-5 5-6 6-7 6-10 7-8 11-12

exact/norm bonds :

1-2 1-11 3-4 4-5 5-6 6-7 6-10 11-12

exact bonds :

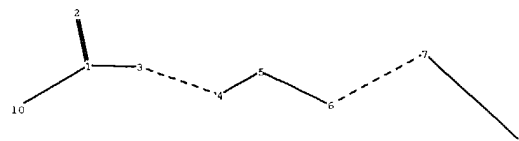
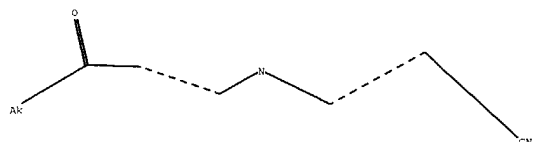
1-3 7-8

G1:H,O,S,X

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 10:CLASS
11:CLASS 12:CLASS

C:\stnweb\Queries\56.str



chain nodes :

1 2 3 4 5 6 7 8 10

chain bonds :

1-2 1-3 1-10 3-4 4-5 5-6 6-7 7-8

exact/norm bonds :

1-2 1-10 3-4 4-5 5-6 6-7

exact bonds :

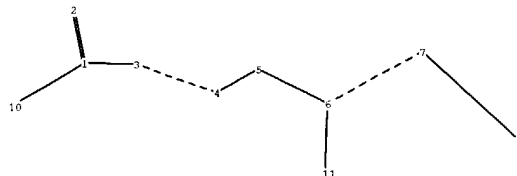
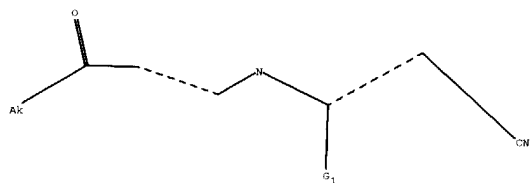
1-3 7-8

G1:H,O,S,X

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 10:CLASS

C:\stnweb\Queries\4.str



chain nodes :

1 2 3 4 5 6 7 8 10 11

chain bonds :

1-2 1-3 1-10 3-4 4-5 5-6 6-7 6-11 7-8

exact/norm bonds :

1-2 1-10 3-4 4-5 5-6 6-7 6-11

exact bonds :

1-3 7-8

G1:H,O,S,X

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 10:CLASS
11:CLASS

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 May 10 PROUSDDR now available on STN
 NEWS 4 May 19 PROUSDDR: One FREE connect hour, per account, in both May
 and June 2004
 NEWS 5 May 12 EXTEND option available in structure searching
 NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY
 NEWS 7 May 17 FRFULL now available on STN
 NEWS 8 May 27 New UPM (Update Code Maximum) field for more efficient patent
 SDIs in CAPlus
 NEWS 9 May 27 CAPlus super roles and document types searchable in REGISTRY
 NEWS 10 May 27 Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:23:00 ON 21 JUN 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:23:06 ON 21 JUN 2004

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STRUCTURE FILE UPDATES: 20 JUN 2004 HIGHEST RN 696584-79-9

DICTIONARY FILE UPDATES: 20 JUN 2004 HIGHEST RN 696584-79-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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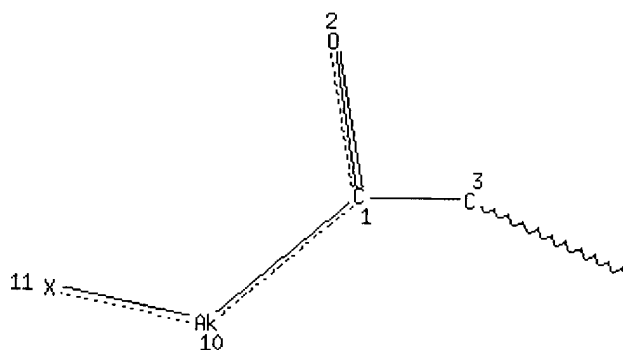
L1 STRUCTURE UPLOADED

=> d 11

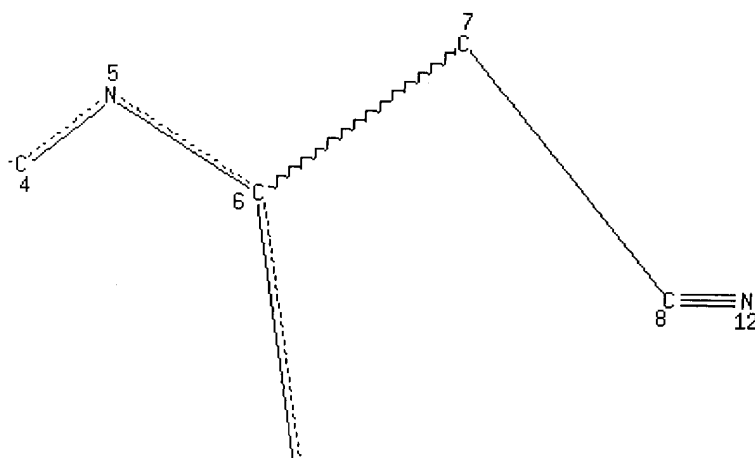
L1 HAS NO ANSWERS

L1 STR

H 13 0 14 S 15 X 16



Page 1-A



Page 1-B



Page 2-B

VAR G1=13/14/15/16

NODE ATTRIBUTES:

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NSPEC	IS C	AT	3
NSPEC	IS C	AT	4
NSPEC	IS C	AT	5
NSPEC	IS C	AT	6
NSPEC	IS C	AT	7
NSPEC	IS C	AT	8

NSPEC IS C AT 9
 NSPEC IS C AT 10
 NSPEC IS C AT 11
 NSPEC IS C AT 12
 DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 1 2 3 4 5 6 7 8 10 11 12 13 14 15 16
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

=> s 11
 SAMPLE SEARCH INITIATED 14:25:42 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 993 TO ITERATE

100.0% PROCESSED 993 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 17970 TO 21750
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full
 THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 14:25:46 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 21263 TO ITERATE

100.0% PROCESSED 21263 ITERATIONS 5 ANSWERS
 SEARCH TIME: 00.00.01

L3 5 SEA SSS FUL L1

=> file hcaplus
 COST IN U.S. DOLLARS SINCE FILE TOTAL
 ENTRY SESSION
 FULL ESTIMATED COST 157.10 157.31

FILE 'HCAPLUS' ENTERED AT 14:25:50 ON 21 JUN 2004
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FILE COVERS 1907 - 21 Jun 2004 VOL 140 ISS 26
 FILE LAST UPDATED: 20 Jun 2004 (20040620/ED)

This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s 13

L4 3 L3

=> d 14, ibib abs fhitr, 1-3

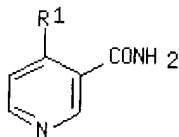
L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

ACCESSION NUMBER: 2003:951001 HCAPLUS
 DOCUMENT NUMBER: 139:395830
 TITLE: Method for producing 4-haloalkylnicotinamides by
 cyclization and simultaneous hydrolysis of
 3-(3-oxo-1-butenylamino)acrylnitriles in the presence
 of a strong acid
 INVENTOR(S): Pazenok, Sergiy
 PATENT ASSIGNEE(S): Bayer CropScience GmbH, Germany
 SOURCE: PCT Int. Appl., 13 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003099791	A1	20031204	WO 2003-EP4869	20030509
W: AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NI, NO, NZ, OM, PH, PL, RU, SC, SG, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

DE 10223274 A1 20031204 DE 2002-10223274 20020524
 PRIORITY APPLN. INFO.: DE 2002-10223274 A 20020524
 OTHER SOURCE(S): CASREACT 139:395830; MARPAT 139:395830
 GI



AB 4-Haloalkylnicotinamides (I; R1 = C1-4 haloalkyl), were prepd. by cyclization and simultaneous hydrolysis of R1COCH:CHNHCH:CHCN, R1COCH:CHNHCH(ZR2)CH2CN, and/or R1COCH:CHNHCH(halo)CH2CN (R1 as above; R2 = C1-6 alkyl; Z = O, S, NR1) in the presence of a strong acid. Thus,

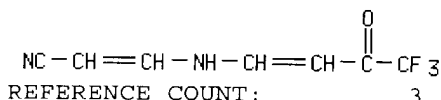
H₂SO₄ (d 1,8) was treated with N-(2-cyanovinyl)-4,4,4-trifluoro-3-keto-1-butenylamine for 1 h at 10° followed by stirring for 3-5 h at room temp. to give 90% 4-trifluoromethylnicotinamide. The compds. of formula I are used as intermediate products in the prodn. of pesticides.

IT 437987-93-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(method for producing haloalkylnicotinamides by cyclization and simultaneous hydrolysis of (oxobutenylamino)acrylnitriles in presence of strong acid)

RN 437987-93-4 HCAPLUS

CN 2-Propenenitrile, 3-[(4,4,4-trifluoro-3-oxo-1-butenyl)amino]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

ACCESSION NUMBER: 2003:417744 HCAPLUS
DOCUMENT NUMBER: 139:6876
TITLE: Preparation of N-(isoxazol-5-yl)-4-(trifluoromethyl)nicotinamide derivatives as pesticides
INVENTOR(S): Mio, Shigeru; Okui, Hideshi
PATENT ASSIGNEE(S): Sankyo Company, Limited, Japan
SOURCE: PCT Int. Appl., 99 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

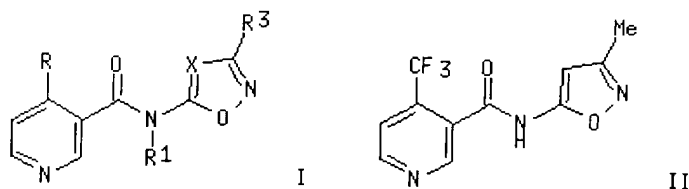
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003044013	A1	20030530	WO 2002-JP12078	20021119
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

JP 3456702	B1	20031014	JP 2002-334440	20021119
JP 2003335778	A2	20031128		

PRIORITY APPLN. INFO.:

JP 2001-355561	A	20011121
JP 2002-65193	A	20020311

OTHER SOURCE(S): MARPAT 139:6876
GI



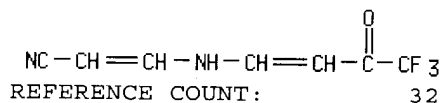
AB The title N-heteroaryl-4-(trifluoromethyl)nicotinamide derivs. with general formula of I [wherein R = (un)substituted alkyl; R1 = H, (un)substituted alkyl, alkenyl, or acyl; X = CR2 or N; R2 and R3 = independently H, halo, cycloalkyl, alkenyl, cycloalkenyl, formyl, CH:NOR4, CN, alkylthio, (un)substituted alkyl, Ph, heterocyclyl, alkoxy, or PhO; R4 = H or alkyl] are prepd. as pesticides. For example, 5-amino-3-methylisoxazole was reacted with 4-(trifluoromethyl)nicotinic acid chloride (prepn. given) in DMF in the presence of NaH to afford II (44%). I at the concn. of 0.01% killed >95% green peach aphid in 5 days.

IT **437987-93-4P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of (isoxazolyl)trifluoromethylnicotinamide derivs. as pesticides)

RN 437987-93-4 HCAPLUS

CN 2-Propenenitrile, 3-[(4,4,4-trifluoro-3-oxo-1-butenyl)amino] - (9CI) (CA INDEX NAME)



THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text **Citing References**

ACCESSION NUMBER: 2002:465977 HCAPLUS
DOCUMENT NUMBER: 137:47122
TITLE: Preparation of 4-fluoroalkylnicotinonitriles as pesticide intermediates
INVENTOR(S): Pazenok, Sergiy; Bastiaans, Henricus Maria Martinus
PATENT ASSIGNEE(S): Aventis CropScience GmbH, Germany; Bayer CropScience GmbH
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048111	A2	20020620	WO 2001-EP14584	20011212
WO 2002048111	A3	20030327		

W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,

CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10061967	A1	20020620	DE 2000-10061967	20001213
DE 10120819	A1	20021031	DE 2001-10120819	20010427
DE 10144411	A1	20030327	DE 2001-10144411	20010911
AU 2002035770	A5	20020624	AU 2002-35770	20011212
EP 1345906	A2	20030924	EP 2001-985871	20011212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2002087004	A1	20020704	US 2001-13470	20011213
US 6541640	B2	20030401		
US 2003109711	A1	20030612	US 2002-330166	20021230

PRIORITY APPLN. INFO.:

DE 2000-10061967	A	20001213
DE 2001-10120819	A	20010427
DE 2001-10144411	A	20010911
WO 2001-EP14584	W	20011212
US 2001-13470	A3	20011213

OTHER SOURCE(S): CASREACT 137:47122; MARPAT 137:47122

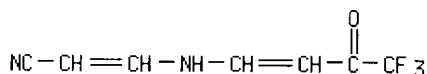
AB Title compds. were prepd. Thus, (MeO)2CHCH2CN was aminated by
 CF3COCH:CHNH2 and the eliminated product, CF3COCH:CHNHCH:CHCN, treated
 with Li2CO3 to give 4-trifluoromethylnicotinonitrile.

IT **437987-93-4P**

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic
 preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of 4-fluoroalkylnicotinonitriles as pesticide intermediates)

RN **437987-93-4** HCAPLUS

CN 2-Propenenitrile, 3-[(4,4,4-trifluoro-3-oxo-1-butenyl)amino]- (9CI) (CA
 INDEX NAME)



=> file caold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	16.63	173.94
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.08	-2.08

FILE 'CAOLD' ENTERED AT 14:26:32 ON 21 JUN 2004
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FILE COVERS 1907-1966
 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate
 substance identification. Title keywords, authors, patent
 assignees, and patent information, e.g., patent numbers, are
 now searchable from 1907-1966. TIFF images of CA abstracts
 printed between 1907-1966 are available in the PAGE
 display formats.

This file supports REGISTRY for direct browsing and searching of

all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 14:23:00 ON 21 JUN 2004)

FILE 'REGISTRY' ENTERED AT 14:23:06 ON 21 JUN 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:25:50 ON 21 JUN 2004

L4 3 S L3

FILE 'CAOLD' ENTERED AT 14:26:32 ON 21 JUN 2004

=> s l3

L5 0 L3

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	174.36
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.08

FILE 'REGISTRY' ENTERED AT 14:26:38 ON 21 JUN 2004

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DICTIONARY FILE UPDATES: 20 JUN 2004 HIGHEST RN 696584-79-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

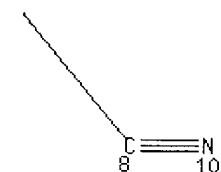
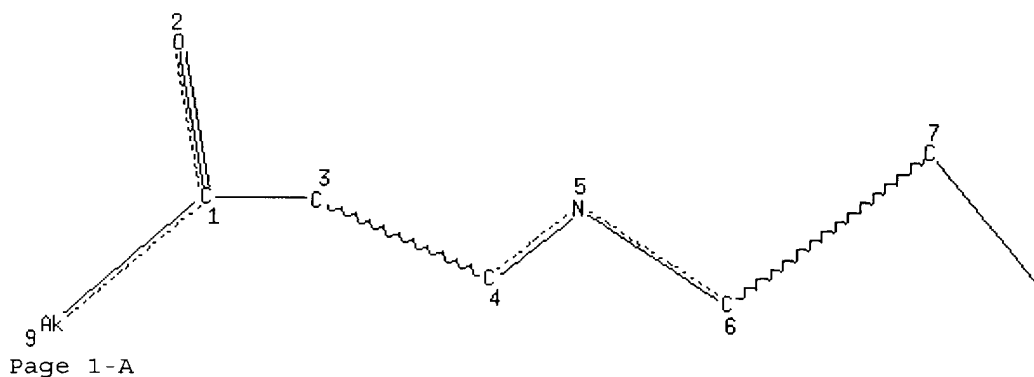
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L6 STRUCTURE UPLOADED

=> d l6

L6 HAS NO ANSWERS

L6 STR



NODE ATTRIBUTES:

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NSPEC	IS C	AT	3
NSPEC	IS C	AT	4
NSPEC	IS C	AT	5
NSPEC	IS C	AT	6
NSPEC	IS C	AT	7
NSPEC	IS C	AT	8
NSPEC	IS C	AT	9
NSPEC	IS C	AT	10

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 1 2 3 4 5 6 7 8 9 10

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

=> s 16

SAMPLE SEARCH INITIATED 14:28:43 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 993 TO ITERATE

100.0% PROCESSED 993 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 17970 TO 21750

PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

=> s 16 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 14:28:48 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 21263 TO ITERATE

100.0% PROCESSED 21263 ITERATIONS
 SEARCH TIME: 00.00.01

51 ANSWERS

L8 51 SEA SSS FUL L6

=> d his

(FILE 'HOME' ENTERED AT 14:23:00 ON 21 JUN 2004)

FILE 'REGISTRY' ENTERED AT 14:23:06 ON 21 JUN 2004

L1 STRUCTURE UPLOADED
 L2 0 S L1
 L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:25:50 ON 21 JUN 2004

L4 3 S L3

FILE 'CAOLD' ENTERED AT 14:26:32 ON 21 JUN 2004

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 14:26:38 ON 21 JUN 2004

L6 STRUCTURE UPLOADED
 L7 0 S L6
 L8 51 S L6 FULL

=> s l8 not l3

L9 46 L8 NOT L3

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	156.68	331.04
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.08

FILE 'HCAPLUS' ENTERED AT 14:29:02 ON 21 JUN 2004

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FILE COVERS 1907 - 21 Jun 2004 VOL 140 ISS 26

FILE LAST UPDATED: 20 Jun 2004 (20040620/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 19

L10 40 L9

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.36	333.40
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.08

FILE 'REGISTRY' ENTERED AT 14:29:10 ON 21 JUN 2004
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JUN 2004 HIGHEST RN 696584-79-9
 DICTIONARY FILE UPDATES: 20 JUN 2004 HIGHEST RN 696584-79-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

L11 STRUCTURE UPLOADED

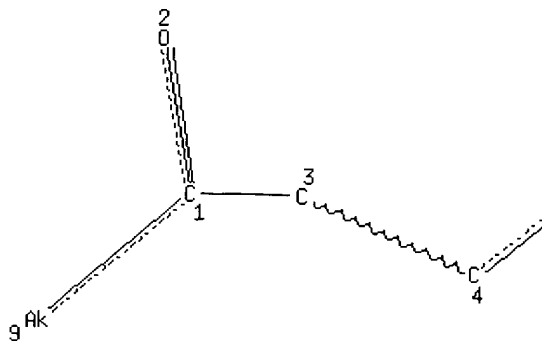
=> 111

L11 IS NOT A RECOGNIZED COMMAND
 The previous command name entered was not recognized by the system.
 For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

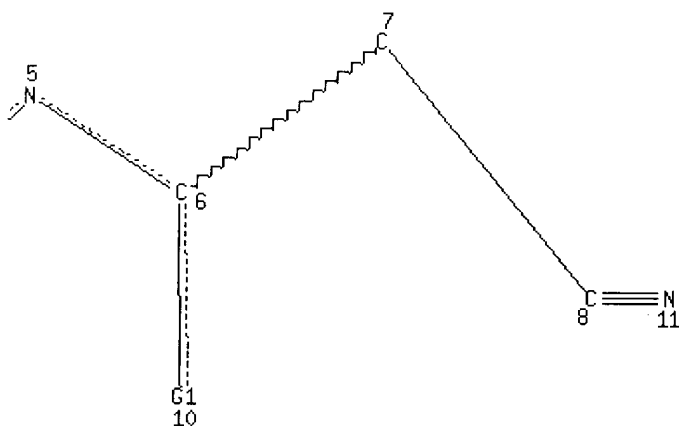
=> d 111

L11 HAS NO ANSWERS
 L11 STR

H 12 O 13 S 14 X 15



Page 1-A



Page 1-B

VAR G1=12/13/14/15

NODE ATTRIBUTES:

NSPEC	IS C	AT	1
NSPEC	IS C	AT	2
NSPEC	IS C	AT	3
NSPEC	IS C	AT	4
NSPEC	IS C	AT	5
NSPEC	IS C	AT	6
NSPEC	IS C	AT	7
NSPEC	IS C	AT	8
NSPEC	IS C	AT	9
NSPEC	IS C	AT	10
NSPEC	IS C	AT	11

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 1 2 3 4 5 6 7 8 9 11 12 13 14 15

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

=> s 111

SAMPLE SEARCH INITIATED 14:29:55 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 993 TO ITERATE

100.0% PROCESSED 993 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 17970 TO 21750
PROJECTED ANSWERS: 0 TO 0

L12 0 SEA SSS SAM L11

=> s l11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 14:29:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 21263 TO ITERATE

100.0% PROCESSED 21263 ITERATIONS
SEARCH TIME: 00.00.01

34 ANSWERS

L13 34 SEA SSS FUL L11

=> d his

(FILE 'HOME' ENTERED AT 14:23:00 ON 21 JUN 2004)

FILE 'REGISTRY' ENTERED AT 14:23:06 ON 21 JUN 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:25:50 ON 21 JUN 2004

L4 3 S L3

FILE 'CAOLD' ENTERED AT 14:26:32 ON 21 JUN 2004

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 14:26:38 ON 21 JUN 2004

L6 STRUCTURE UPLOADED
L7 0 S L6
L8 51 S L6 FULL
L9 46 S L8 NOT L3

FILE 'HCAPLUS' ENTERED AT 14:29:02 ON 21 JUN 2004

L10 40 S L9

FILE 'REGISTRY' ENTERED AT 14:29:10 ON 21 JUN 2004

L11 STRUCTURE UPLOADED
L12 0 S L11
L13 34 S L11 FULL

=> s l13 not l3

L14 29 L13 NOT L3

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	155.84	489.24
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION

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0.00 -2.08

FILE 'HCAPLUS' ENTERED AT 14:30:14 ON 21 JUN 2004
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FILE COVERS 1907 - 21 Jun 2004 VOL 140 ISS 26
 FILE LAST UPDATED: 20 Jun 2004 (20040620/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l14

L15 28 L14

=> s l15 and pd > january 2001

2722831 PD > JANUARY 2001
 (PD>20010199)

L16 1 L15 AND PD > JANUARY 2001

=> d l16, ibib abs fhitrstr, 1

L16 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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ACCESSION NUMBER:	2002:216129 HCAPLUS
DOCUMENT NUMBER:	136:249012
TITLE:	Azo disperse dye mixtures, their production and their use
INVENTOR(S):	Brierley, David; Weddell, Ian; Newton, David
PATENT ASSIGNEE(S):	Dystar Textilfarben GmbH & Co. Deutschland Kg, Germany
SOURCE:	Eur. Pat. Appl., 22 pp. CODEN: EPXXDW
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1188799	A1	20020320	EP 2001-121526	20010908 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002188020	A2	20020705	JP 2001-274980	20010911 <--
US 2002040510	A1	20020411	US 2001-951057	20010913 <--
US 6682573	B2	20040127		
CN 1344763	A	20020417	CN 2001-133025	20010914 <--

PRIORITY APPLN. INFO.:

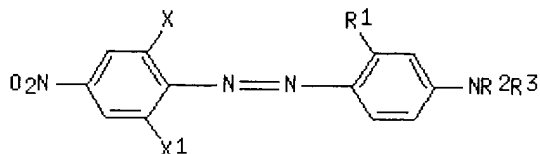
GB 2000-22697

A 20000915

OTHER SOURCE(S):

CASREACT 136:249012; MARPAT 136:249012

GI



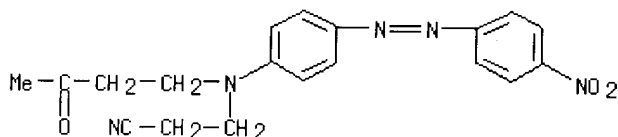
I

AB The invention refers to a dye mixt. comprising an azo dye (I; X, X1 = Cl, BR; R1 = H, C1-4-alkyl; R2, R3 = H, C1-6 alkyl, cyanoethyl; but when R1 is absent, R2 is Bu or cyanoethyl and R3 is cyanoethyl) and further azo dye components, a method for the prepn. of such mixts., and a method for disperse dyeing of synthetic textile materials using such mixts. I is characterized by excellent heat fastness and does not cause irritation. In an example, the yellow-brown dye 2,6-dichloro-4-nitroaniline-N-butyl-N-(2-cyanoethyl)aniline was prepd. and used in combination with other azo dyes for disperse dyeing of polyester.

IT **404868-53-7**

RL: TEM (Technical or engineered material use); USES (Uses)

(yellow brown/orange dye; azo dyes and their mixts. for application to polyester)

RN **404868-53-7** HCAPLUSCN Propanenitrile, 3-[[4-[(4-nitrophenyl)azo]phenyl] (3-oxobutyl) amino] - (9CI)
(CA INDEX NAME)

REFERENCE COUNT:

10

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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